

# EUROPEAN PATENT OFFICE

Patent Abstracts of Japan

PUBLICATION NUMBER : 11339711  
PUBLICATION DATE : 10-12-99

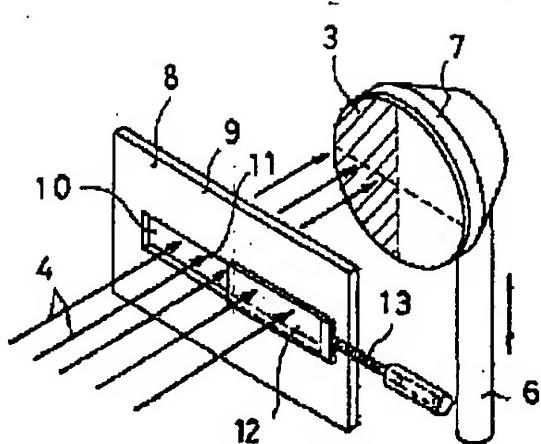
APPLICATION DATE : 29-05-98  
APPLICATION NUMBER : 10149025

APPLICANT : ULVAC CORP;

INVENTOR : KASHIMOTO KAZUHIRO;

INT.CL. : H01J 37/317 H01J 37/09

TITLE : ION IMPLANTATION EQUIPMENT



ABSTRACT : PROBLEM TO BE SOLVED: To provide ion implantation equipment suited to form areas having different ion implantation quantities in a plane of a single wafer.

SOLUTION: In this ion implantation equipment for implanting ions in a substrate 3 disposed in vacuum by scanning an ion beam 4 from an ion source in one direction, an incident area controlling slit 8 for controlling an area on which the ion beam 4 is incident in the plane of the substrate 3 is provided in front of the substrate 3. The incident area controlling slit 8 is composed of a slit 11 having a constant opening space and a shutter 12 for decreasingly controlling the opening space of the slit 11.

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